

Date: Sun, 6 Feb 94 21:40:14 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #117
To: Info-Hams

Info-Hams Digest Sun, 6 Feb 94 Volume 94 : Issue 117

Today's Topics:

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 Contacts for arranging formal sked with SAREX?
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 Securing VXO coils, what glue?
Shuttle STS-60 Ground Communications retransmission (2 msgs)
 UNSUBSCRIBE
 WARNING: Potential Satellite Anomaly Warning

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 7 Feb 94 00:43:27 GMT
From: news-mail-gateway@ucsd.edu
Subject: Another antenna question...
To: info-hams@ucsd.edu

The other night I was sandbagging on someone's conversation about antennas,
and he mentioned that it was possible to turn a bed frame into a
directional antenna. I'd love more antenna power, and I do have a metal
bed frame, so I was wondering if anyone had any idea or a plan how to do
this. The only difficulty I see would be rotating it, but that's my

problem. Thanks for your help.

Scott Gigot, N9VOM
segigot@students.wisc.edu

Date: Wed, 2 Feb 1994 13:29:02 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
news.intercon.com!psinntp!psinntp!psinntp!arrl.org!ehare@network.ucsd.edu
Subject: Contacts for arranging formal sked with SAREX?
To: info-hams@ucsd.edu

: rcamama@dewey.cc.utexas.edu (Robert Camama) writes:

: >As the header reads, is there any way I can contact the SAREX (Shuttle
: >Amateur Radio eXperiment) coordinator or anyone else in a significant position
: >within the SAREX program?

lhurder@arrl.org responded:

: Bob - most often it's the ARRL's Educational Activities
: Department which coordinates the efforts of clubs and individuals
: wishing to QSO with SAREX missions.

: If you'd like, I'd be happy to forward any formal inquiry you
: (you) have to ARRL HQ's Educational Activities Department.

People on Internet can contact the Educational Activities Department
(and most HQ staff) directly.

Here are the addresses:

Rosalie White - rwhite@arrl.org
Bob Inderbitzen - rinderbi@arrl.org

Having your message forwarded by another HQ staffer will only create
un-necessary delays.

73 from ARRL HQ, Ed
--

Date: Fri, 4 Feb 94 08:13:06 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!a3bee2.radnet.com!cyphyn!
randy@network.ucsd.edu
Subject: Illegal Activities of Dominique Cormann (Re: CB/HAM equipment)

To: info-hams@ucsd.edu

You should have saved the guys article about trying to sell that stuff.

Darn right....to sell such stuff, is outright illegal ...worsens the airways for everyone....and mainly for those who try to use 10 and 12 mtrs

The sprayback generated by that cb stuff (of that sort) gets to be about 1Mhz or more in width.

Then the sets that run on the sneaky-band (27.4---28+), have no place being on the air either!

So..if SOMEone is at least keeping an eye out for such jazz....SUPER!

It's clear that the FCC is just too understaffed (under funded by you-know-who hint hint) to go chase down those who are doing stuff they ought not be doing!

So, if we Hams can at least be the eyes n ears.....I donno about going and DOING stuff....we are not empowered to act as censors or 'police'... and make the info collected available to the ...who ever best to forward it to...hey...thats the way!

--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Pete Keyes
	You might break an expensive tube!	

Date: Thu, 3 Feb 1994 22:27:06 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!uwm.edu!msuinfo!harbinger.cc.monash.edu.au!
bruce.cs.monash.edu.au!trlluna!titan!pcies4.trl@nntp.ucsb.edu
Subject: Mail-order toroids, RF transistors, Help!
To: info-hams@ucsd.edu

In article <1994Feb1.020408.1@ntuvax.ntu.ac.sg> asirene@ntuvax.ntu.ac.sg writes:
>From: asirene@ntuvax.ntu.ac.sg
>Subject: Mail-order toroids, RF transistors, Help!
>Date: Mon, 31 Jan 1994 18:04:08 GMT
>Hi,
>
> Can some kind hearted HAM help me order some parts from Amidon
>Associates Inc. I do not have the catalog so I do not know how much to

>send, how much for shipping, minimum order. This is for sending to
>Singapore where toroids are non-existent. I am also in need of MRF472 or
>MRF476. The toroids I am interested in are:-

>
> 4 x FT37-43 core
> 2 x FT50-43 core
> 2 x FB73-801 ferrite bead
>73 de 9V Daniel 4 x T-50-6 core
> 2 x T-37-6 core
>

> Would appreciate any help for ordering these stuffs. Need them
>fast. I need 2 MRF-472 (or MRF-476 if 472's are not available) and also
>a 14 mHz fundamental crystal. What is the fastest way I can get hold of
>these? Tks.

>
>
>73 de 9V Daniel

Daniel, contact Ocean State Electronics (previous post) and ask for one of
their catalogs. All the stuff you need is in there.

Usual disclaimer.

73 Drew, VK3XU Telecom Australia Research Laboratories.

Date: 6 Feb 1994 16:41:05 GMT
From: tribune.usask.ca!herald.usask.ca!hardie@decwrl.dec.com
Subject: Operating in Canada?
To: info-hams@ucsd.edu

Date: 6 Feb 1994 17:35:09 GMT
From: tribune.usask.ca!herald.usask.ca!hardie@decwrl.dec.com
Subject: Operating in Canada?
To: info-hams@ucsd.edu

Date: Thu, 3 Feb 1994 12:33:46 GMT
From: [usc!elroy.jpl.nasa.gov!sdd.hp.com!spool.mu.edu!howland.reston.ans.net!
vixen.cso.uiuc.edu!uchinews!att-out!cbfsb!cbnews!cbnewst!cbnewsm!](mailto:usc!elroy.jpl.nasa.gov!sdd.hp.com!spool.mu.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!uchinews!att-out!cbfsb!cbnews!cbnewst!cbnewsm!)

gdo%aloft.att.com@network.ucsd.edu
Subject: Peter 1 Freqs
To: info-hams@ucsd.edu

Can somebody post the frequencies that the Peter 1 Island DXpedition guys are operating on? I have heard them on SSB on 14.195 and I know they're elsewhere, but where? They were only handling "1" calls when I heard them and I didn't have time to wait for them to do we "3" guys.

TNX es Still trying for the big kahuna, de N3BDA

--

Glenn D. O'Donnell, N3BDA	Internet:	gdo@aloft.att.com
AT&T Bell Laboratories	Amateur Radio:	n3bda@n3dpu.#epa.pa.usa.na
Allentown, PA	Home QTH:	Palmerton, PA (Grid FN20eu)

Date: Fri, 4 Feb 1994 10:12:54 +0100
From: Germany.EU.net!netmbx.de!zrz.TU-Berlin.DE!zib-berlin.de!news.th-darmstadt.de!fauern!rrze.uni-erlangen.de!not-for-mail@uunet.uu.net
Subject: please help me! i need a special type of diode...
To: info-hams@ucsd.edu

this is the second effort to get an information about a special type of SMD-diode. the diodes are from the ICOM amateur-radio-department. you need the two diodes to expand the handheld transceiver IC-W2E (it's a duobander). the modifying-description says that the type of the diodes must be MA-122 or MA-123 which cost a lot of money.
now i try to paint the diodes, so that you could better imagine:

```
  |      |  
+-----+  
|         |  
|         |  
+-----+  
  |
```

as you could see, there a THREE pins!!!!

Now my questions:

1. Is this diode a double diode?
2. if it is, where are the anodes and kathodes? Is it a double kathode/anode?
3. is there any type of different diode so that i don't need to by the expensive ones?
4. and last but not least: is there any modifikation of the handheld to do packet radio with 9600 baud and not 1200?

please answer directly to my, because i posted this article in several groups (to get more answer) which i don't subscribe.

73 and many thanks so long

```
+-----+
|Torsten Fechner   Studing-QTH: Erlangen,JN59MN       Home-QTH: Passau,JN68R0 |
|Internet-email:   tnfechne@cip.informatik.uni-erlangen.de |
|Amateur-Radio :  DG7RO   MyBBS: DB0WGS.#BAY.DEU.EU |
+-----+
```

Date: 3 Feb 1994 17:00 CDT
From: nnntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!uwm.edu!cs.utexas.edu!news.tamu.edu!zeus.tamu.edu!
tskloss@network.ucsd.edu
Subject: Radar Detector Detectors
To: info-hams@ucsd.edu

In article <CKo1pB.MBJ@nrtpa22.bnr.ca>, billag@b4pphff.bnr.ca (Bill Gutknecht) writes...

> Since this group contains all the RF types ... I was wondering
> if anyone here knows where I can find out about radar detector
> "detectors" ... specifically something published ... I have
> a friend who is quite the sceptic and doesn't believe me that
> they exist ...

Tell your friend to drive around Canada, or a state which outlaws radar detectors, with a powered up radar detector in the glove box and see what happens. They will probably even show the detector to him.

-tim

Date: 7 Feb 94 02:40:13 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Update 2/7 at 1:30 UTC
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-60.008
SAREX Update 2/7 at 01:30 UTC

Since the last update, SAREX has successfully completed another first.

At 10:42 UTC on February 6, Sergei Krikalev, U5MIR, initiated contact with a school group at the House of Science and Technology for Youth in Moscow, Russia. This represents the first time a cosmonaut on a U.S. space shuttle has communicated with a group in Russia. Leo Lebutin, UA3CR and Valery Agabekov, UA6HZ were the prime school group coordinators for this contact. During the contact Aleksandr Kaleri, U8MIR, gave Sergei greetings from Russia. Six students were able to ask their questions to the crew on the Space Shuttle DIscovery. In addition, several cosmonauts were on hand to hear the communications. The SAREX contact was also broadcast live throughout Russia on HF (80 meters, 40 meters and 20 meters) as well as VHF.

The packet robot on the Space Shuttle Discovery has been quite busy today. At last report, the QSO sequence number was nearing the 2000 mark. Many hams from around the world have reported booming packet radio signals from the Shuttle Discovery.

Those of you who have heard or worked the STS-60 crew and wish to receive a QSL card need to send your signal report and an SASE or an envelope and IRCs to the following address:

STS-60 QSL
Education Activities Division
ARRL
225 Main St
Newington, CT 06111

The official SAREX element set for today will be GSFC-005. This element sent was generated by Ron Parise, WA4SIR of the Goddard Space Flight Center. Gil Carman, WA5NOM reports that the predictions using GSFC-005 differed from GSFC-003 by approximately 2 seconds during orbit 50.

STS-60

1	22977U	94006A	94	36.28433526	0.000000141	00000-0	54171-5	0	58
2	22977	56.9879	208.1294	0009042	265.9751	94.0283	15.72161107		297

Satellite: STS-60

Catalog number: 22977

Epoch time: 94036.28433526 (05 FEB 94 06:49:26.57 UTC)

Element set: GSFC-005

Inclination: 56.9879 deg

RA of node: 208.1294 deg Space Shuttle Flight STS-60

Eccentricity: 0.0009042 Keplerian Elements

Arg of perigee: 265.9751 deg

Mean anomaly: 94.0283 deg

Mean motion: 15.72161107 rev/day Semi-major Axis: 6730.8539 Km

Decay rate: 0.14E-05 rev/day*2 Apogee Alt: 358.55 Km

Epoch rev: 29 Perigee Alt: 346.38 Km

NOTE - This element set is based on NORAD element set # 005.
The spacecraft has been propagated to the next ascending
node, and the orbit number has been adjusted to bring it
into agreement with the NASA numbering convention.

Submitted by Frank H. Bauer, KA3HDO, for the SAREX Working Group

/EX

Date: Thu, 3 Feb 1994 18:14:01 GMT
From: nntp.ucsb.edu!mustang.mst6.lanl.gov!nntp-server.caltech.edu!
elroy.jpl.nasa.gov!usc!howland.reston.ans.net!newsserver.jvnc.net!
raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!asirene@network.UCSD
Subject: Securing VXO coils, what glue?
To: info-hams@ucsd.edu

Hi,

I am winding some coils for a VXO and want to know if
the "glue-gun" melted plastic is suitable for securing the coil
or if it is too lossy?

73 de 9V Daniel

Date: Sun, 6 Feb 1994 21:35:29 GMT
From: dog.ee.lbl.gov!agate!iat.holonet.net!bwilkins@network.ucsd.edu
Subject: Shuttle STS-60 Ground Communications retransmission
To: info-hams@ucsd.edu

dbraun@scdtintel.com (Doug Braun) writes:

:
: Didn't the NASA Ames Radio Club (?) in the bay area also do this?
: Will they be doing it this time? Waht freq?
:
: Doug Braun Intel Design Technology
: 408 765-4279
: dbraun@scdt.intel.com

Try the 145.585 MHz frequency for the Ames re-transmissions in the Bay Area.

Bob

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@cave.org packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: 3 Feb 1994 13:13 EDT
From: mustang.mst6.lanl.gov!nntp-server.caltech.edu!elroy.jpl.nasa.gov!usc!
howland.reston.ans.net!paladin.american.edu!zombie.ncsc.mil!cs.umd.edu!
news.gsfc.nasa.gov!nssdca.gsfc.@nntp.ucsb.edu
Subject: Shuttle STS-60 Ground Communications retransmission
To: info-hams@ucsd.edu

INTERESTED IN THE CURRENT SHUTTLE MISSION

The current mission has a number of interesting aspects: this first Russian astronaut to fly on a shuttle, the 100th GSFC managed Get Away Special payload, as well as planned Shuttle Amateur Radio Experiment activities.

The Goddard Amateur Radio Club (GARC) WA3NAN invites you to tune into Shuttle transmissions. As a public service to the Amateur radio community, the GARC retransmits space shuttle air-to-ground communications. During the STS-60 mission, Amateur radio operators, shortwave listeners, and those individuals with scanners can listen to these communications on the following frequencies:

3.860 MHz (lower sideband)
7.185 MHz (lower sideband)
14.295 MHz (upper sideband)
21.395 Mhz (upper sideband)
28.650 Mhz (upper sideband)

and

147.45 Mhz (FM)

Erich, N3OXM
GARC PI Coordinator

Date: Sat, 5 Feb 94 05:32:44 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!newsserver.jvnc.net!
a3bee2.radnet.com!cyphyn!randy@network.ucsd.edu

Subject: UNSUBSCRIBE
To: info-hams@ucsd.edu

UNSUBSCRIBE

--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Pete Keyes
	You might break an expensive tube!	

Date: Sun, 6 Feb 1994 11:54:37 MST
From: agate!howland.reston.ans.net!wupost!gumby!destroyer!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: WARNING: Potential Satellite Anomaly Warning
To: info-hams@ucsd.edu

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

POT

ISSUED: 17:00 UT, 06 FEBRUARY

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

ATTENTION:

Geosynchronous satellites may experience magnetopause crossings over the next 12 to 24 hours. A filament-related disturbance has resulted in brief magnetopause crossings for the GOES-6 satellite. GOES-6 experienced crossings between 17:11 and 17:13 UTC, and again between 16:22 and 16:29 UTC. GOES-7 has not experienced any crossings at this time.

In addition, there is a possibility for the recurrence of high-energy electrons at greater than 2 MeV. If this event recurs as it did last solar rotation, it should begin later this UTC day or on 07 February. At the present time, electrons at greater than 2 MeV are running at near-normal levels. They are not enhanced at the present time. Two solar rotations ago, the electrons at this energy level were enhanced to relatively high levels, but the duration of the enhancement was much shorter than the enhancement observed last rotation (where the enhanced high-energy electrons lasted almost 10 days).

Although electrons at these energies are correlated with recurrent coronal holes, it is impossible to determine whether the slight increase in

size of the current coronal hole will produce a similar long-duration high-energy electron enhancement as was observed last rotation. We will monitor the situation on a daily basis and advise as necessary.

** End of Warning **

Date: 3 Feb 1994 15:52:37 -0800
From: nnntp.crl.com!crl2.crl.com!not-for-mail@decwrl.dec.com
To: info-hams@ucsd.edu

References <hatunenCKI4Mx.4HD@netcom.com>, <tweekCKI8FK.5xr@netcom.com>, <CKnt2K.DsI@alsys.com>t-f
Subject : Re: FCC Database Online For Calif.

Gary Morris @ignite (garym@alsys.com) wrote:

: I tried it today and noticed you can use * as a wildcard. So if you try
: MC DONALDS* it will work.

Unfortunately the wildcard doesn't work on callsigns. It also seems to favor California and New York, at least based on my several attempts at it, and pulls duplicate entries about 9 out of 10 times. Still, it's a start and a very good one.

Date: (null)
From: (null)
Pete
ve5va.qrp@usask.ca
--
ve5va.qrp@usask.ca

Date: (null)
From: (null)
Pete
ve5va.qrp@usask.ca
--
ve5va.qrp@usask.ca

Date: Sun, 6 Feb 1994 15:24:41 GMT

From: hal.com!olivea!charnel!yeshua.marcam.com!news.kei.com!world!
barnaby@decwrl.dec.com
To: info-hams@ucsd.edu

References <2i5vta\$tt@explorer.clark.net>,
<jchappel.106.759620599@sanders.lockheed.com>, <CKBF2u.J8v@news.Hawaii.Edu>
Subject : Re: Illegal Activities of Dominique Cormann (Re: CB/HAM equipment)

jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:

>In article <jchappel.106.759620599@sanders.lockheed.com>
jchappel@sanders.lockheed.com (Joel Chappell) writes:

>I guess it is all a matter of interpretation: Does self-policing mean
>I just police myself, or does it mean we police, in addition to ourselves,
>each other? I believe it means the latter.

>Jr. FCC hat? Nope, just doing what I believe in.

>Jeff NH6I

I agree with you Jeff. I think self-policing means that we take responsibility for our hobby. It doesn't have to be FCC-Jr. style. There's a big difference between *saying* you are going to put up a 5 KW station, and *doing* it! Ahead of time, letting the potential offender know that there are *many* hams that would love to shut down unwarranted QRM listening, and with e-mail quickly reporting it, could kill whatever urge there is to actualize this activity (not inexpensive).

It's an interesting question though.
my \$.02

73's AA1IB Richard Barnaby Worcester,VT

Date: Thu, 3 Feb 1994 04:33:53 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
cs.utexas.edu!utnut!nott!cunews!freenet.carleton.ca!FreeNet.Carleton.CA!
ab510@network.ucsd.edu
To: info-hams@ucsd.edu

References <mosier.63.0@fagan.uncg.edu>, <2hmper\$ppo@solaris.cc.vt.edu>,
<CKBJtu.45s@freenet.freenet>.
Reply-To : ab510@FreeNet.Carleton.CA (George Attallah)
Subject : Re: Famous hams

In a previous article, engberg@edfue0.ctis.af.mil (Bob Engberg) says:

>And don't forget:

>

>I0BOY Michael Jackson

>

>--

How about A1FAG ?

>

>

--

GEORGE ATTALLAH - VE3KIA -OTTAWA CANADA

"THE LAST SURVIVOR OF THE GROUP OF ONE"

"THE ONLY ONE IN CAPTIVITY"

End of Info-Hams Digest V94 #117
